

Montrose Interagency Dispatch Center

Fire Danger Pocket Card for:

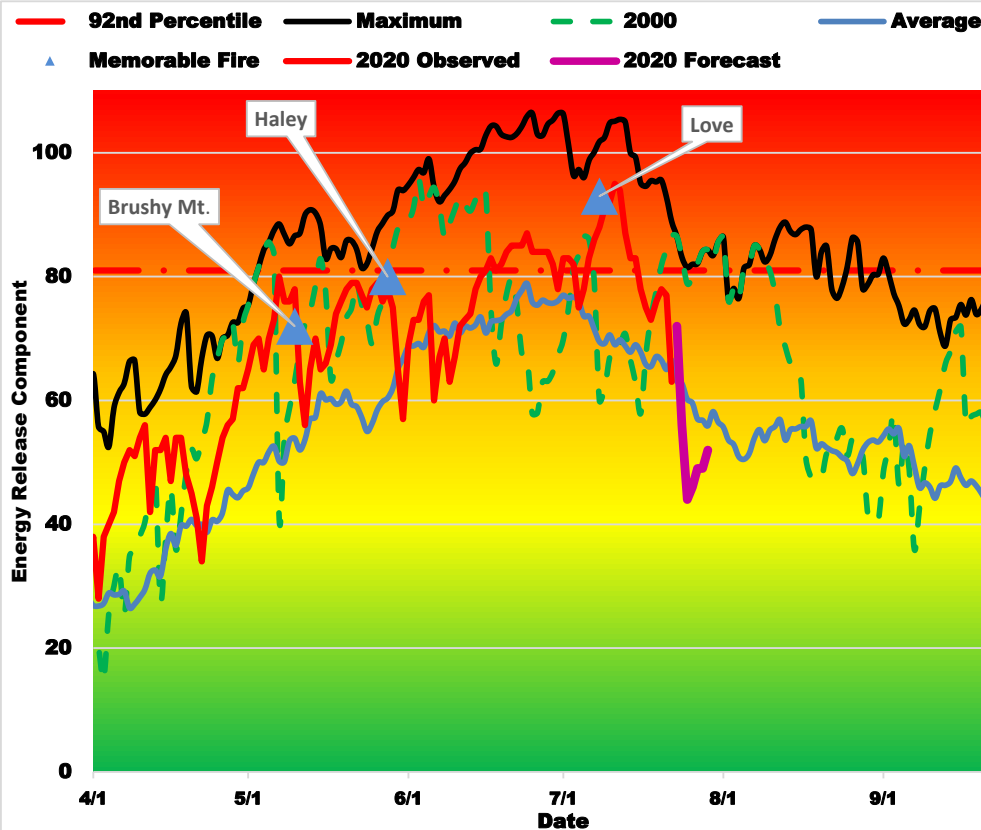
ERC - Fuel Model G - Short-Needle (Heavy Dead)

7/23/2020

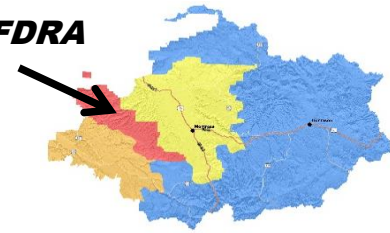
Predicted

Uncompahgre FDRA Local (Critical) Thresholds & Forecasts: Any of these factors will significantly increase the risk for extreme fire behavior. The more factors present, the greater the risk (Orange highlighted fields in forecast days below). The Severe Fire Weather Potential Index compares ERC and BI percentiles per day and assigns an adjective. Severe conditions only occur when both the ERC and BI are above the 97th percentile for that day. Nearly all large fire days occur under Severe SFWP ratings.

Indicator	Critical Value	7/23	7/24	7/25	7/26	7/27	7/28	7/29
20-ft wind (mph)	11	7	6	5	5	5	6	6
Min. RH (%)	13	61	32	43	33	31	29	36
Max. Temp (°F)	74	77	72	75	77	79	76	80
20+ ac. ERC-g	81	72	56	44	46	49	49	52
20+ ac. BI-g	71	53	40	32	34	37	38	41
Severe Fire Weather Potential Index (wfas.net)		Low	Low	Low	Low	Low	Low	Low



Uncompahgre FDRA (in red)



Uncompahgre Fire Danger Rating Area large fires generally occur when ERC is 81 or greater in combination with other local threshold values. The Uncompahgre Plateau is bisected by numerous drainages, some of which create significant canyons. Slopes are generally steeper on the southwest side than the northeast. Fuels range from Pinyon/Juniper to Ponderosa pine, Aspen, and mixed conifer as elevation increases. Current fire frequency is relatively low, but stand replacing fire did occur across the plateau in 1879. Gambel oak and manzanita are commonly found in the understory and can burn intensely when live foliar moistures are less than 95%.

Uncompahgre FDRA Memorable Fires

Fire	Date	Size (ac.)	ERC	BI	RH (%)	Temp (°F)	Wind
Haley	5/29/2000	1,469	80	19	18	55	5
Brushy Mountain	5/11/2012	168	72	16	41	70	3
Love	7/9/2002	15	93	40	38	74	13

Fires which occurred under similar ERC & BI as forecast this week (Total Acreage Shown)

Fire	Date	Size (ac.)	ERC	BI	RH (%)	Temp (°F)	Wind
Casto	8/19/2003	1	63	59	16	83	6
Unnamed 1994	7/22/1994	1	55	37	15	86	8
Beaver Creek	8/31/2000	1	41	37	40	70	5
Sawmill Mesa WFU	7/22/2007	2	52	24	28	84	3

Uncompahgre FDRA Special Interest Group Information

RAWS (in SIG)	Number	Elevation	Data Years	FWZ	Fuel Model
Dominguez*	52409	7,660	1994-2014	203	7G
Sanborn Park*	53804	7,930	1994-2014	290	7G
Black Canyon*	53806	8,560	1994-2014	292	7G
Carpenter Ridge*	53808	8,188	1998-2014	203	7G

* Station complies with NWCG Weather Station Standards (PMS 426-3)

